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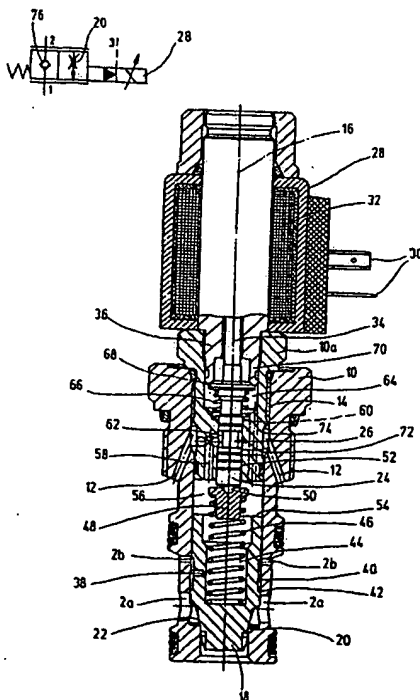
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(54) Title: VALVE

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(57) Abstract: The invention relates to a valve, in particular, a proportional seat valve or gate valve, comprising a valve housing (10) and at least three fluid connections (1, 2, 3), extending through the valve housing, a main piston (18), running in the valve housing (10) and a pilot piston (24), for executing a pilot control (26), which may be controlled by means of a current-carrying magnetic device (28), whereby during an open pilot control (26), fluid from one (2) of the both connectors (1, 2), controlled by the main piston (18), reaches the connector (3), controlled by the pilot piston (24), by means of a cross-sectional narrowing (38) in the main piston (19) and the pilot control (26) and hence, as a result of the corresponding pressure drop, the main piston (18) achieves a control position, controlling both fluid connections (1, 2) with regard to fluid amount.

(57) Zusammenfassung: Die Erfindung betrifft ein Ventil, insbesondere Proportionsitzventil oder Schieberventil mit einem Ventilgehäuse (10) und mindestens drei, das Ventilgehäuse durchgreifenden Fluid-Anschlüssen (1, 2, 3), sowie mit einem im Ventilgehäuse (10) geführten Hauptkolben (18) und einem eine Vorsteuerung (26) bewirkenden Vorsteuerkolben (24), der mittels einer bestrombaren Magneteneinrichtung (28) ansteuerbar ist, wobei bei einer geöffneten Vorsteuerung (26) Fluid von einem (2) der beiden Anschlüsse (1, 2), die von dem Hauptkolben (18) ansteuerbar sind, über eine Querschnittsverengung (38) im Hauptkolben (19) und die Vorsteuerung (26) zum dritten, durch den Vorsteuerkolben (24) ansteuerbaren Anschluß (3) gelangt, und wobei aufgrund des damit einhergehenden Druckabfalls der Hauptkolben (18) in jeweils eine, die beiden Fluidanschlüsse (1, 2) von der Fluidmenge her ansteuerbare Steuerposition gelangt.

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Reference is made for an explanation of the two-letter codes and the other abbreviations to the Guidance Notes on Codes and Abbreviations in the front section of each regular PCT Gazette edition.